




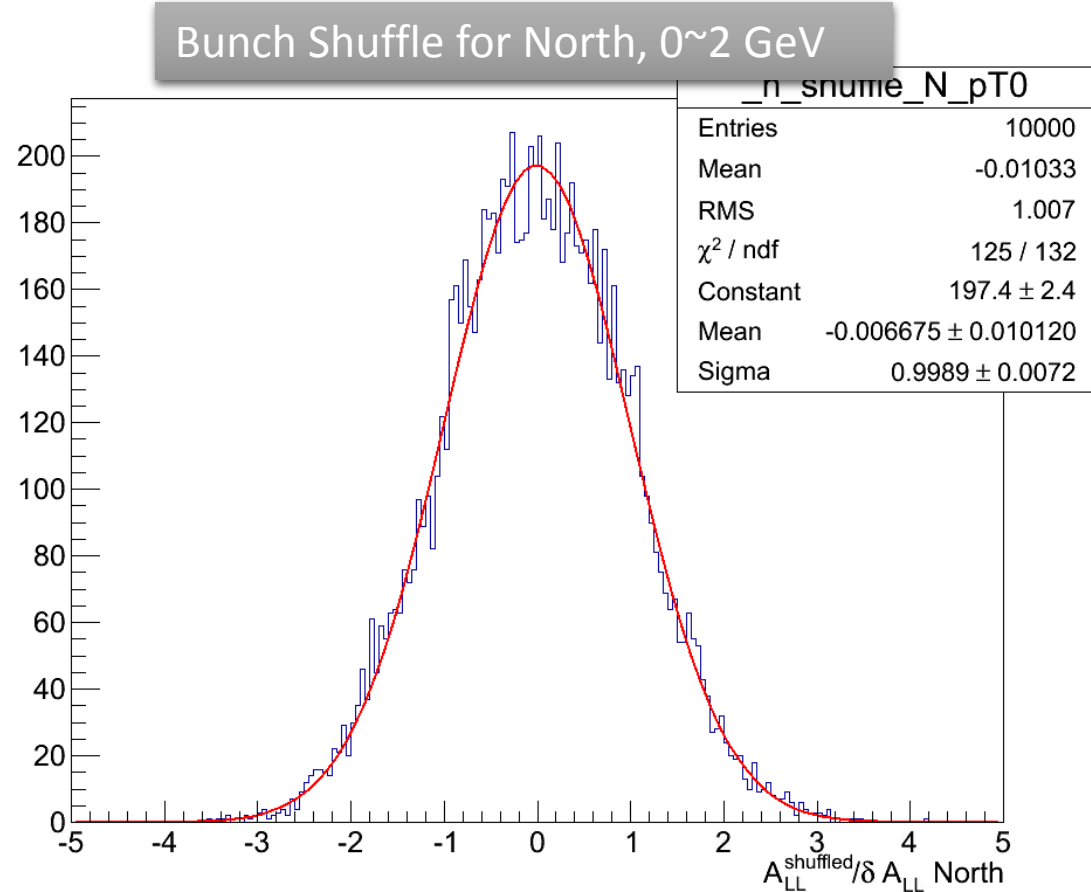
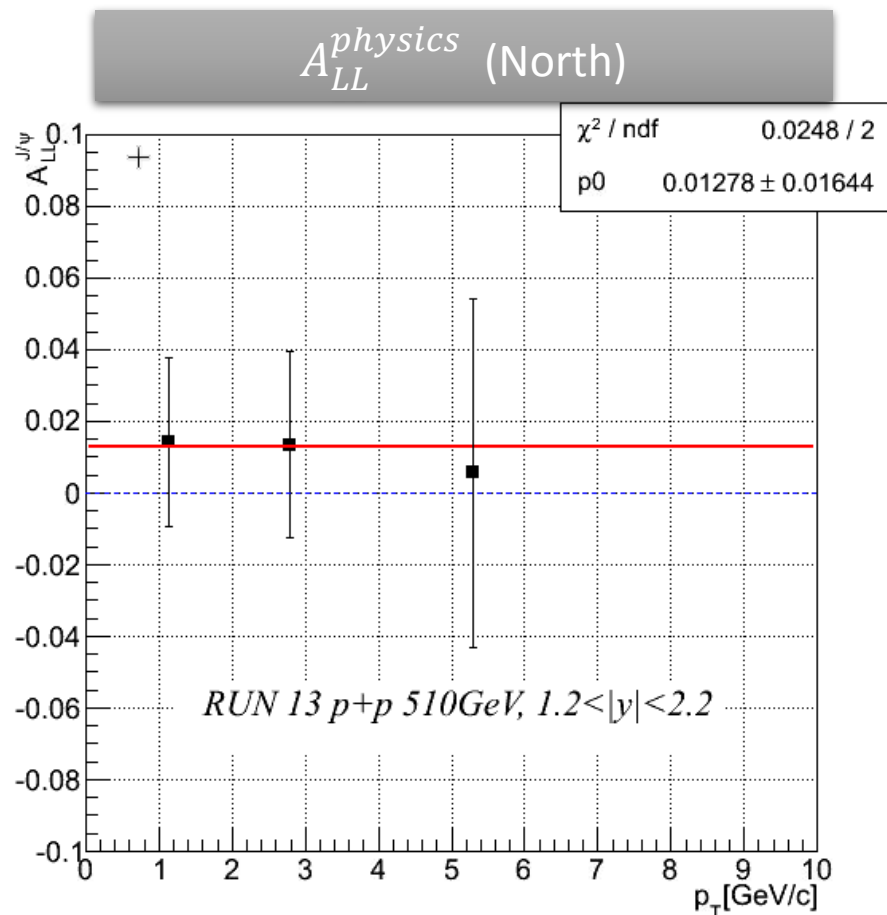
# About me

- Haiwang Yu (yuhw.pku@gmail.com)
- Ph.D. student at Peking Uni. 
- visiting NMSU and LANL  
- My supervisor in PKU is Yajun Mao
- My supervisors in the U.S. are Xiaorong and Ming
- Topics working on:
  - $J/\psi$   $A_{LL}$  in  $pp$  510GeV in forward acceptance
  - $J/\psi$  yield in forward acceptance vs. FVTX multiplicity, run 13

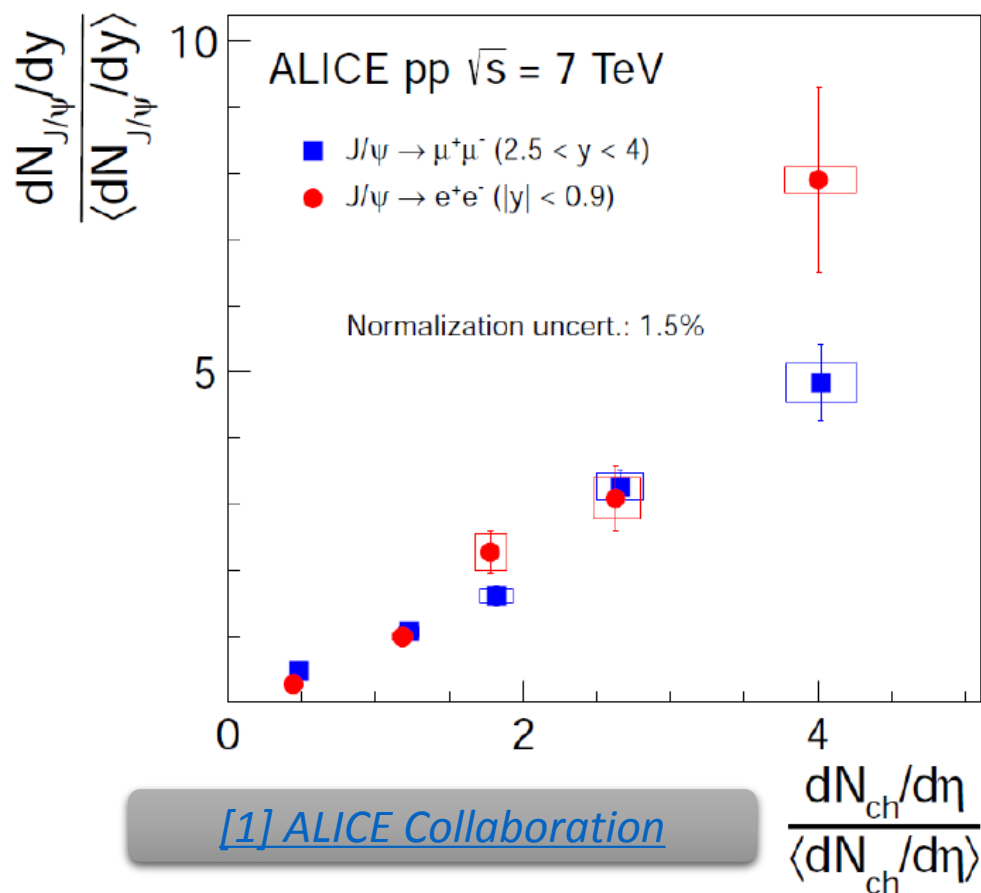


# $J/\psi$ $A_{LL}$ , Run13

- $A_{LL}^{J\psi}$  in the forward acceptance helps us to constrain  $\Delta g$  in small x region.
- offline/analysis/Jpsi\_A\_LL
- offline/AnalysisTrain/SpinAnalyzer
- Please **don't** trust the plots listed below. I am still working on them.



# $J/\psi$ yield vs. $FVTX$ multiplicity



- ALICE observed enhancement of Jpsi production rate in high multiplicity events. And claims the possible reason is multi-parton interaction[1]. Is that the same case in RHIC?
- Maybe help us to understand the Jpsi production mechanism.
  - more multiplicity for the color octet model
- More details in [AN1180](#)